

WHAT IS CLAIMED IS

1. An audio mixer comprising
an effect algorithm processor inserted into each signal path of a plurality of channels of audio signals;
an addition processor for performing an addition processing of audio signals delivered from respective effect algorithm processors to deliver a single channel signal;
an in-plane position sensor for delivering the position of a maneuvered point on a operating surface in the form of a first and a second position signal which represent positions in mutually crossing two directions on the operating surface;
and a controller responsive to the first and the second position signal delivered by the in-plane position sensor by applying a control parameter to at least one of the effect algorithm processors and the addition processor to control at least one of a plurality of responses which are provided by the effect algorithm processors and an addition ratio effected by the addition processor.
2. An audio mixer according to Claim 1 in which one of the effect algorithm processor has a variable low pass filter function while the other has a variable high pass filter function, and in which the first and the second position signal are control parameters controlling the cut-off frequencies and the respective attenuations of the variable low pass and the variable high pass filter, and in which the first position signal represents a control parameter controlling an addition ratio effected by the addition processor.
3. An audio mixer according to Claim 1 in which either one or both of the effect algorithm processors have a reverberation adding function, and in which the first position signal represents a control parameter for

10. An audio mixer according to Claim 1 in which the position

sensor has an operating surface which, when depressed, delivers a first and a second position signal, further comprising a pressure sensor disposed in overlapping relationship with the position sensor for detecting a force of depression applied to the operating surface of the position sensor, the controller applying a detection signal from the pressure sensor to one of the effect algorithm pressures as a control parameter which controls the response thereof.

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